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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/702,104	11/04/2003	Gregory B. Altshuler	105090-0129	6794
	7590 03/26/200 CLENNEN & FISH LL	EXAMINER		
	DE CENTER WEST	JOHNSON III, HENRY M		
BOSTON, MA	BOULEVARD 02210-2604		ART UNIT	PAPER NUMBER
			3769	
			NOTIFICATION DATE	DELIVERY MODE
			03/26/2009	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docket@nutter.com

Office Action Summary		Арр	lication No.	Applicant(Applicant(s)		
		10/7	702,104	ALTSHULE	ALTSHULER ET AL.		
		Exa	miner	Art Unit			
		HEN	RY M. JOHNSON III	3769			
 Period for	The MAILING DATE of this communic Reply	ation appears o	on the cover sheet wi	th the corresponde	nce address		
WHICH - Extens after S - If NO p - Failure Any re	PRTENED STATUTORY PERIOD FOR HEVER IS LONGER, FROM THE MALIONS of time may be available under the provisions of IX (6) MONTHS from the mailing date of this communication for reply is specified above, the maximum state to reply within the set or extended period for reply within the set	AILING DATE C f 37 CFR 1.136(a). In nication. utory period will apply fill, by statute, cause I	OF THIS COMMUNION no event, however, may a remainder and will expire SIX (6) MON the application to become AB	CATION. Eaply be timely filed THS from the mailing date ANDONED (35 U.S.C. §	of this communication.		
Status							
2a)⊠ ∃ 3)□ \$	Responsive to communication(s) filed This action is FINAL . 2 Since this application is in condition followed in accordance with the practic	o)⊡ This action or allowance ex	n is non-final. cept for formal matte	· •			
Dispositio	on of Claims						
4 5)□ (6)⊠ (7)□ (8)□ (Applicatio 9)□ T 10)⊠ T	Claim(s) 74-122 is/are pending in the a) Of the above claim(s) 88,89,91,93 Claim(s) is/are allowed. Claim(s) 74-87,90,92 and 94 is/are reclaim(s) is/are objected to. Claim(s) are subject to restrict on Papers The specification is objected to by the che drawing(s) filed on 07 April 2004 is/applicant may not request that any object Replacement drawing sheet(s) including the control of the contro	i <u>and 95-122</u> is/ jected. on and/or elect Examiner. is/are: a)⊠ ac ion to the drawin	tion requirement. cepted or b)⊡ objec g(s) be held in abeyan	sted to by the Exar ce. See 37 CFR 1.8	35(a).		
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority ur	nder 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
2) Notice 3) Informa	s) of References Cited (PTO-892) of Draftsperson's Patent Drawing Review (PT ation Disclosure Statement(s) (PTO/SB/08) No(s)/Mail Date 030409.	O-948)	Paper No(s	ummary (PTO-413))/Mail Date Iformal Patent Applicat 	ion		

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Election/Restrictions

Newly submitted claims 88, 89, 91, 93 and 95-122 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: an election of species was made based on figure 2 and claims 1, 2, 4-9, 11-14, 16, 17, 19-23 and 55 were examined, thus establishing the limitations for the application. While the new claims are supported by the original disclosure, they are not supported by the originally elected claims because they cite limitations in alternative species and a distinct invention (method claims).

Since applicant has received multiple actions on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 88, 89, 91, 93 and 95-122 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

Response to Arguments

Applicant's arguments filed February 26, 2009 with respect to claims have been considered but are not persuasive. The argument is based on a subjective determination as to whether a structure is shaped to apply a compressive force. This is interpreted by the examiner as a capability of the structure based on the intended use. The protuberances of Mink are clearly capable of providing such force and in doing so would render the light emitted to be below a skin surface.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 74-76, 79-80, 83, 84, 87 and 90 are rejected under 35 U.S.C. 102(b) as being anticipated by German Patent G 91 02 407.2 to Mink. Mink discloses a hairbrush (applicator) for delivery of optical radiation via light guides, each guide having a laser diode (semiconductor) as its source (Fig. 1, # 20). The multiple diodes are interpreted as an array. A cooling radiator (Fig. 2, # 24) acts as a heat sink for the radiation sources. The light conductors are interpreted as protuberances or bristles of a brush and are capable of providing a compressive force during use. A handle is disclosed (Fig. 1, # 2) clearly indicating the device may be handheld. The examiner considers the activation of the sources as inherent with the intended use of the device and therefore continuous or pulsed radiation is inherent. It is noted for the record that no power source or control means is cited.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later

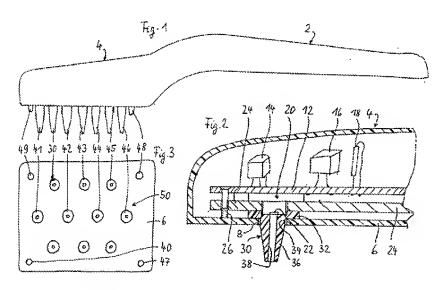
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invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 77 and 78 are rejected under 35 U.S.C. 103(a) as being unpatentable over German Patent G 91 02 407.2 to Mink as applied to claim 74 above, and further in view of U.S. Patent 5,300,097 to Lerner et al. Mink is discussed above, but does not teach a specific intensity. Lerner et al. disclose a handheld tissue radiation unit and teach the radiation provided may be from 1-10 mW/cm2 or from 30-1000 mw/cm2 (Col. 2, lines 47-49). It would have been obvious to one skilled in the art to use the intensities as taught by Lerner et al. in the invention of Mink as the selection of the treatment intensities is based on the intended treatment and a skilled artesian would select the power as appropriate.

Claims 81, 85 and 86 are rejected under 35 U.S.C. 103(a) as being unpatentable over



German Patent G 91 02

407.2 to Mink. Mink teaches multiple laser diodes and multiple LEDs. Both are well known in the art to be available in a wide range of wavelengths and intensities. It would have been obvious to one skilled in the art to

select one or more wavelengths and/or intensities as appropriate for the desired treatment and the device of Mink is clearly capable of operating with multiple combinations of light sources.

Claim 92 is rejected under 35 U.S.C. 103(a) as being unpatentable over German Patent G 91 02 407.2 to Mink as applied to claim 74 above and further in view of U.S. Patent 5,445,608

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to Chen et al. Mink is discussed above, but does not teach application of an agent to the treatment area. Chen et al. teach a device that provides for the delivery of an agent to the treatment site concurrent with radiation (Fig. 16A). It would have been obvious to one skilled in the art to use the agent delivery as taught by Chen in the invention of Mink as the use of agents, such as a photosensitizer, is well known to a skilled artesian as would be the various methodologies for delivery of a photosensitizer; i.e. systemic, direct, etc.

Claim 94 is rejected under 35 U.S.C. 103(a) as being unpatentable over German Patent G 91 02 407.2 to Mink as applied to claim 74 above and further in view of U.S. Patent 6,129,723 to Anderson et al. Mink is discussed above, but does not teach limiting radiation using total internal reflection and contact with skin. Anderson et al. teach a method of restricting the radiation emitted to a target surface by use of total internal reflection wherein the angles where the radiation encounters different indexes of refraction allow or do not allow the radiation to pass. Such an interface is disclosed as where a lightguide contacts tissue and allows light passage and one where an air interface does not (Col. 7, lines 60-67). It would have been obvious to one skilled in the art to use the radiation inhibitor as taught by Anderson et al. in the device of Mink as any device with laser radiation has inherent safety issue with stray radiation that can be harmful to the human eye and a skilled artisan would take every effort to minimize the potential stray radiation.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication should be directed to HENRY M. JOHNSON III at telephone number (571)272-4768.

/Henry M. Johnson, III/ Supervisory Patent Examiner, Art Unit 3769

3/21/2009